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INSTRUCTIONS FOR INSTALLING
THE 113651 SET OF PARTS FOR THE OPERATING
ECCENTRIC ASSEMBLY ON SEQUENTIAL SELECTOR UNITS

1. GENERAL

a. In order to prolong the life of the driving clutch and to obtain more satisfactory and reliable operation, the 113651 set of parts modifies the clutch assembly on sequential selector units.

b. The 113651 set of parts consists of:

1	2623	Spring, Detent Lever	1	121043	Pawl, Clutch
1	3599	Nut 4-40	1	121044	Lever, Clutch
1	6746	Screw (6-40 x 5/16)	1	121045	Ratchet
1	7603	Spring, Clutch Pawl	*1	125011	Washer
1	74722	Washer			

c. For part numbers referred to, see Teletype Sequential Selector Parts Bulletin.

2. INSTALLATION

NOTE: To facilitate the removal and installation of the parts, rest the unit on its top side with the rear side toward the front.

- a. Remove and discard the 7825 detent lever spring.
- b. Remove and discard the 80444 ratchet mounting screw and the 7002 washer and retain the 2191 lock washer.
- c. Remove and retain the 6746 gear hub mounting screw, 7002 washer and 2191 lock washer.
- d. Remove and retain the 1104 thumb screw and the 74100 leather washer.
- e. Remove and retain the two of each 117603 screws, 3646 lock washers, 80444 screws and 2191 lock washers of the 115157 ball bearing plate. Note the position of the 117603 screws so that they are replaced in their same mounting holes.
- f. Remove the bearing assembly and the operating eccentric assembly.
- g. Remove and discard the 115143 ratchet.
- h. Remove and discard the 42661 drive pawl and blocking pawl springs.
- i. Remove and discard the 86742 drive arm stud nut.
- j. Remove and retain the 110743 lock washer.

*Indicates change

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k. Remove and discard the 115456 backstop, the 109900 blocking pawl, the 115155 spacer and the 109899 drive pawl.

NOTE: To replace the drive arm or any other part in the sleeve assembly, hold the 115146 sleeve with the special 121038 holding wrench and remove the 3339 nut.

In reassembling parts on the sleeve, the identification marks on the two eccentrics and the key of the detent cam must be toward the threaded end of the sleeve.

*m. Assemble the following parts to the stud of the 135774 drive arm in the order given:

121043 Clutch pawl with 121044 clutch lever inserted
in split end of pawl
125011 Washer
110743 Lock washer
3599 Nut
7603 Spring; attach to clutch pawl and drive arm.

n. Mount the 121045 ratchet to the main shaft with the 6746 screw, the 74722 washer and the 2191 lock washer.

o. Slide the operating eccentric assembly on the shaft. Make certain that the two driving links engage their corresponding driving link bracket pins and that the clutch pawl engages the ratchet properly.

p. Mount the right-hand bearing assembly to the side frame by means of the screws and lock washers previously removed and make sure that the two 117603 screws and 3646 lock washers are diagonally opposite each other.

q. Replace the gear hub mounting screw, washer and lock washer.

r. Replace the main shaft thumb screw and the leather washer.

s. Hook the 2623 spring to the detent lever and the post.

*3. ADJUSTMENTS

For standard adjustments refer to Sequential Selector Adjustment Bulletin and remake the following adjustments:

- a. Main Shaft
- b. Operating eccentric assembly
- c. Clutch Pawl Spring Tension
- d. Clutch Detent Lever Eccentric
- e. Clutch Detent Lever Spring Tension
- f. Clutch Trip-Lever and Blocking Lever Shaft
- g. Clutch Blocking Lever
- h. Clutch Blocking Lever Eccentric Backstop
- i. Clutch Lever and Blocking Lever Engagement